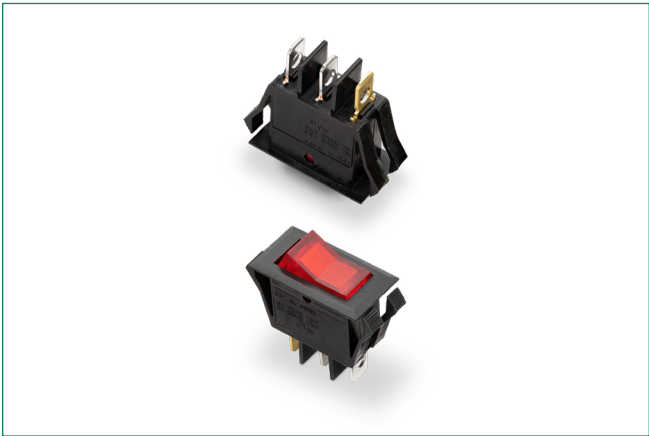


# CL Series

## Single Pole Power Rocker Switches



### Description

The CL series are single pole power rocker switches, perfect for power outlet strips, HVAC units and floor care products. CL switches are resilient, feature positive detent, snap-in mounting and are available with optional illumination.

### Features & Benefits

- Illuminated versions available
- Snap-in mounting
- Positive detent

### Applications

- Floor care products
- HVAC units
- Power outlet strips
- RoHS compliant

### Agency Approvals

| Agency | Agency File Number |
|--------|--------------------|
|        | E42363             |

### Specifications

|                       |                                                          |
|-----------------------|----------------------------------------------------------|
| Contact Rating        | 16 amps @ 125 VAC, 1/3 HP;<br>10 amps @ 250 VAC, 1/2 HP. |
| Electrical Life       | 10,000 make-and-break cycles at full load.               |
| Dielectric Strength   | 1,500 Vrms min. @ sea level.                             |
| Insulation Resistance | 10 <sup>9</sup> Ω min.                                   |
| Operating Temperature | -20°C to 80°C                                            |

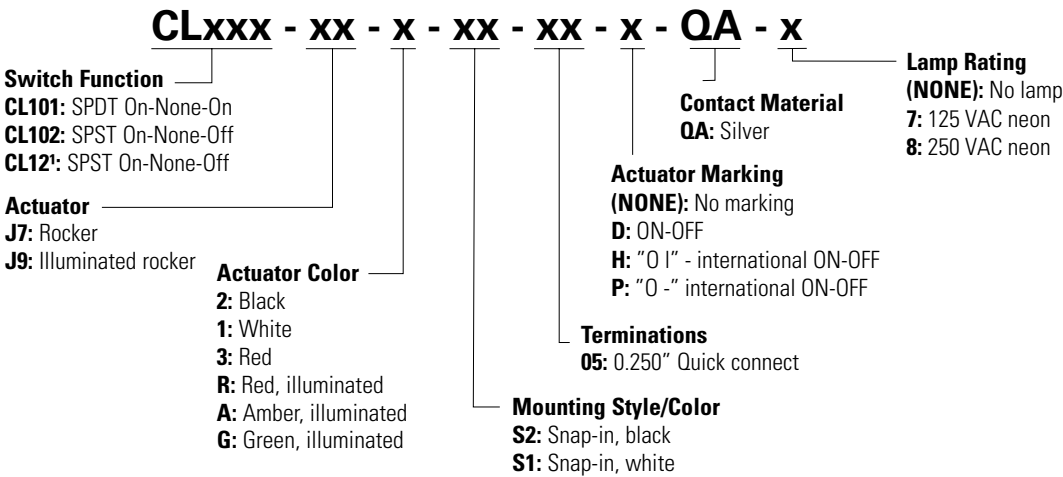
### Materials

|                      |                                            |
|----------------------|--------------------------------------------|
| Actuator & Housing   | 6/6 nylon (UL 94V-2), black, matte finish. |
| Illuminated Actuator | Polycarbonate, matte finish.               |
| Center Contacts      | Silver plated, copper alloy.               |
| End Contacts         | Silver plated.                             |
| All Terminals        | Silver plated, copper alloy.               |

**Notes:**  
Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, consult Customer Service Center.

### Ordering Number

To order, simply select desired option from each category and place in the appropriate box. For additional options not shown in catalog, consult Customer Service Center.



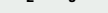
**Notes:**  
1. CL12 — for switches with both marking and illumination

# CL Series

## Single Pole Power Rocker Switches

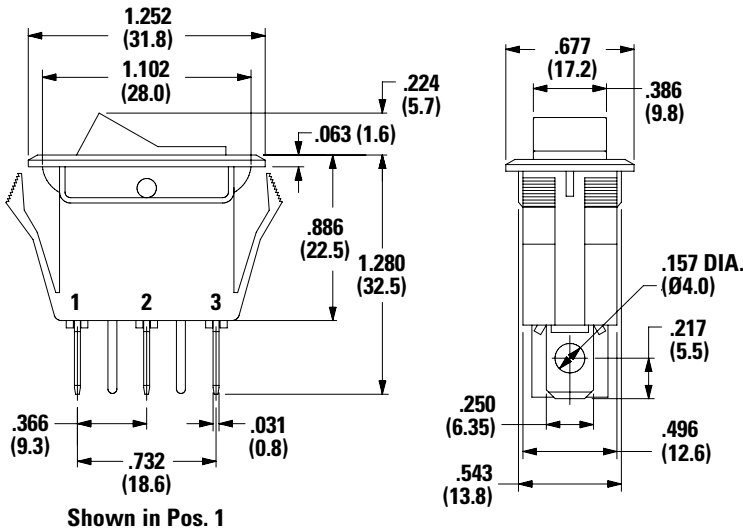


Switch Function

| No. Poles | Model No.         | Switch Function                                                                            |                                                                                            |                                                                                            | Connected Terminals                                                                        |                                                                                            |                                                                                            | Schematic                                                                           |  |
|-----------|-------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|
|           |                   | C&K marking on opposite side                                                               |                                                                                            |                                                                                            |                                                                                            |                                                                                            |                                                                                            |                                                                                     |  |
|           |                   | POS.1<br> | POS.2<br> | POS.3<br> | POS.1<br> | POS.2<br> | POS.3<br> |                                                                                     |  |
| SP        | CL101             | ON                                                                                         | NONE                                                                                       | ON                                                                                         | 2-1                                                                                        | N/A                                                                                        | 2-3                                                                                        |  |  |
|           | CL102             | ON                                                                                         | NONE                                                                                       | OFF                                                                                        | 2-1                                                                                        | N/A                                                                                        | OPEN                                                                                       |  |  |
|           | CL12 <sup>1</sup> | ON                                                                                         | NONE                                                                                       | OFF                                                                                        | 2-1                                                                                        | N/A                                                                                        | OPEN                                                                                       |  |  |

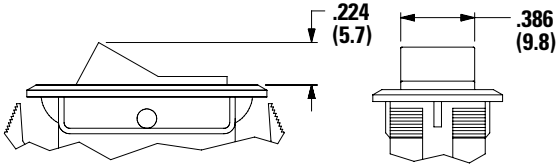
**Note:**  
1. CL12 — for switches with both marking and illumination

Dimensions inches (mm)



Actuator inches (mm)

J7 Rocker  
J9 Illuminated Rocker



**Note:** J9 actuator available with CL102 & CL12 switch function only.

Actuator Color

| Option Code | Actuator Color     |
|-------------|--------------------|
| 2           | Black              |
| 1           | White              |
| 3           | Red                |
| R           | Red, Illuminated   |
| A           | Amber, Illuminated |
| G           | Green, Illuminated |

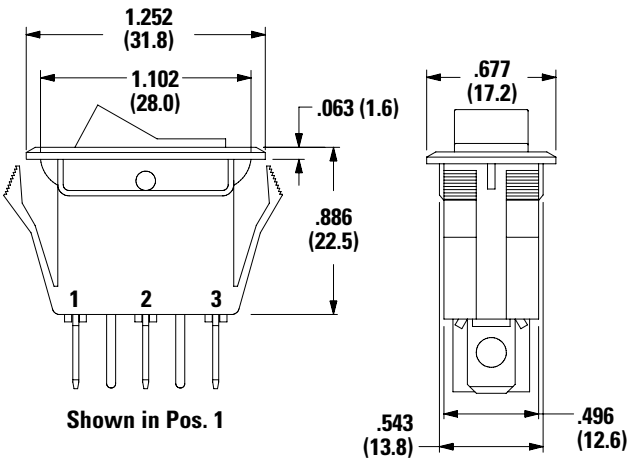
# CL Series

## Single Pole Power Rocker Switches

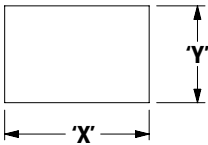


Mounting Style/Color inches (mm)

S2 Snap-in, Black  
S1 Snap-in, White

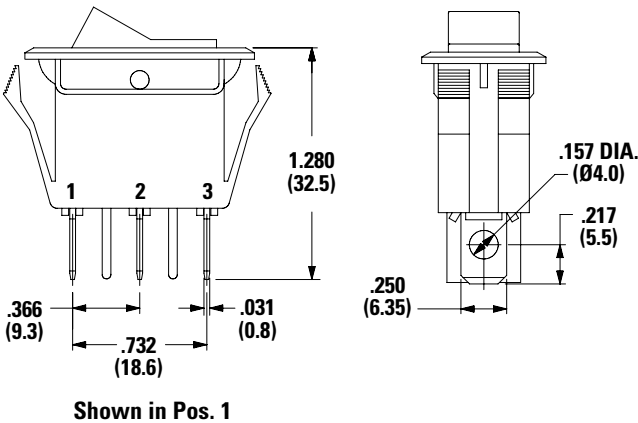


Panel Mounting

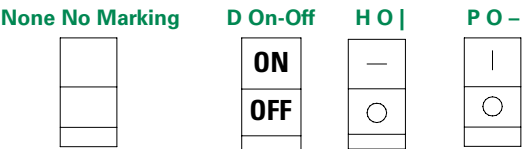


| Panel Thickness         | "X"                    | "Y"                        |
|-------------------------|------------------------|----------------------------|
| 0.030-0.049 (0.75-1.25) | 1.087-0.004 (27.6-0.1) | 0.543 + .004<br>(13.8+0.1) |
| 0.049-0.079 (1.25-2.0)  | 1.094-0.004 (27.8-0.1) |                            |
| 0.079-0.118 (2.0-3.0)   | 1.102-0.004 (28.0-0.1) |                            |

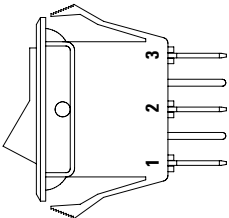
Termination inches (mm)  
05 0.250" Quick Connect



Actuator Markings



Shown in Pos. 1



Note: Orientation of actuator marking and terminals.

# CL Series

## Single Pole Power Rocker Switches



Contact Material

| Option Code | Contact and Terminal Material | Ratings |                                                    |
|-------------|-------------------------------|---------|----------------------------------------------------|
| QA          | Silver                        | Power   | 16 amps @ 125 VAC; 1/3 HP; 10 amps @ 250 VAC, ½ HP |

Notes: See Technical Data section of this catalog for RoHS compliant and compatible definitions and specifications.



Lamp Rating

- (NONE) No Lamp
- 7 125 VAC 33kΩ Neon
- 8 250 VAC 150kΩ Neon

Note: Lamp rating for J9 actuator option.

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